

Skyline Analysis & Unit Layout Workshop Schedule

Presented by:

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Monday, October 21, 2019 (Classroom, CH2M Hill Alumni Center Room 111)

1:30 – 2:00 PM	Workshop Introduction and Overview
2:00 – 3:00 PM	Harvest Planning and Layout Environment <ul style="list-style-type: none">• What is successful skyline harvesting?• Review cable systems and skyline carriages• Uphill versus downhill yarding• Different levels of harvest planning
3:00 – 3:15 PM	Break
3:15 – 4:30 PM	Importance of Skyline Deflection Analysis in Harvest Unit Layout <ul style="list-style-type: none">• Variables affecting skyline deflection• Wire rope characteristics• Skyline safe working loads
4:30 – 4:45 PM	Applying skyline payload analysis information in harvest layout
4:45 – 5:30 PM	Determining skyline payloads; Skyline XL software – Introduction
7:00 – 8:30 PM	Skyline XL Instruction and Exercise (Optional)

Tuesday, October 22, 2019 (Classroom, CH2M Hill Alumni Center Room 111)

8:30 – 9:30 AM	Overview of Skyline Planning & Layout Process Importance of Field Review/Reconnaissance
9:30 – 10:00 AM	Skyline Logging Landings <ul style="list-style-type: none">• Wood flow through the landing• Yarder guylines• Anchors

10:00 – 10:15 AM	Break
10:15 – 12:00 AM	Continue with Skyline Logging Landings
12:00 – 1:00 PM	Lunch
1:00 – 3:15 PM	Tailtrees and Intermediate Supports <ul style="list-style-type: none"> • When and where to use • Design and layout • Model demonstration
3:15 – 3:30 PM	Break
3:30 – 5:00 PM	Skyline Corridor Field Layout Use of field cards to assist with layout
5:00 – 5:30 PM	Overview of Wednesday & Thursday Field Days

Wednesday, October 23, 2019 (Field Day, Meet at Richardson Hall)

8:00 AM– 5:00 PM

Morning: Terrain Data Collection and Landing Layout

- Skyline corridor layout
- Tailtree and intermediate support layout
- Skyline profile survey (exercise)
- Landing layout (exercise)

Afternoon: Yarder and Skyline Set-Up

- Yarder and landing set-up
- Skyline road changes
- Tailtree and Intermediate support rigging
- Choker setting on a skyline thinning operation

6:30 – 9:00 PM

Work on skyline profile and payload analysis with Skyline XL, and landing layout exercises with field data

Location: Richardson Hall 107; Dinner provided.

Thursday, October 24, 2019 (Field Day, Meet at Richardson Hall)

Morning:

- Skyline corridor layout and landing design
- Field workshop participant group presentations on skyline layout exercise; discussion

Afternoon: Demonstrations (TBD)

- Multiple stump rigging
- Wire rope splicing (basic)
- Intermediate support layout and rigging
- Tree felling

Friday, October 25, 2019 (Classroom, CH2M Hill Alumni Center Room 111)

8:30 – 9:45 AM	Linking skyline planning and yarding operations to other harvesting system components (TBD) <ul style="list-style-type: none">• Felling practices• Residual stand damage• Safety
9:45 - 10:00 AM	Break
10:00 – 11:45AM	Tethered assist / Steep slope logging with appropriate ground-based systems
11:45 – 12:00PM	Workshop wrap-up & evaluation